

SEQUENCE LISTING

<110> Raucy, Judy
<120> Composition and Methods for Induction of Proteins Involved
in
Xenobiotic Metabolism
<130> PUR-00114.P.1.1.1.1
<150> US 10/222,679
<151> 2002-08-16
<150> US 09/832,621
<151> 2001-04-11
<150> US 60/196,681
<151> 2000-04-12
<150> US 60/241,391
<151> 2000-10-17
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tgcgtgtat gtggggacaa ggccactggt tatcacttca atgtcatgac atgtgaaggg
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tgcaagggct ttttcaggag gccatgaaa cgcaacgccc gccttaggtg ccccttccgg
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aaggcgccct gcgagatcac ccggaagacc cggcgacagt gccaggcctg ccggctgcgc
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aagtgcctgg agagcggcat gaagaaggag atgatcatgt ccgacgcggc cgtagaggag
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aggcgggcct tcatcaagag gaagaaaaga gaacggatcg ggactcagcc acccggagtg
420

caggggctga cggaggagca gcggatgatg atcagggagc tcatggacgc tcagatgaaa
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acctttgaca ctaccttctc ccatttcaag aatttccggc tgccaggggt gcttagcagt
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ggctgtgaga tgccagagtc tctgcaggcc ccatcgaggg aagaagctgc caagtggAAC
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Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
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Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg
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Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Gln Ala
85 90 95

Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile
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Met Ser Asp Ala Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys
115 120 125

Lys Arg Glu Arg Ile Gly Thr Gln Pro Pro Gly Val Gln Gly Leu Thr
130 135 140

Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys
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Thr Phe Asp Thr Thr Phe Ser His Phe Lys Asn Phe Arg Leu Pro Gly
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Val Leu Ser Ser Gly Cys Glu Met Pro Glu Ser Leu Gln Ala Pro Ser
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Arg Glu Glu Ala Ala Lys Trp Asn Gln Val Arg Lys Asp Leu Trp Ser
195 200 205

Val Lys Val Ser Val Gln Leu Arg Gly Glu Asp Gly Ser Val Trp Asn
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Tyr Lys Pro Pro Ala Asp Asn Gly Gly Lys Glu Ile Phe Ser Leu Leu
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Pro His Met Ala Asp Met Ser Thr Tyr Met Phe Lys Gly Ile Ile Asn
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Phe Ala Lys Val Ile Ser Tyr Phe Arg Asp Leu Pro Ile Glu Asp Gln
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Ile Ser Leu Leu Lys Gly Ala Thr Phe Glu Leu Cys Gln Leu Arg Phe
275 280 285

Asn Thr Val Phe Asn Val Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu
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Ser Tyr Cys Leu Glu Asp Pro Ala Gly Gly Phe Gln Gln Leu Leu Leu
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Glu Pro Met Leu Lys Phe His Tyr Met Leu Lys Lys Leu Gln Leu His
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Glu Glu Glu Tyr Val Leu Met Gln Ala Ile Ser Leu Phe Ser Pro Asp
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Arg Pro Gly Val Val Gln His His Val Val Asp Gln Leu Gln Glu Gln
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Tyr Ala Ile Thr Leu Lys Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro
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Ala His Arg Phe Leu Phe Leu Lys Ile Met Ala Met Leu Thr Glu Leu
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Arg Ser Ile Asn Ala Gln His Thr Gln Arg Leu Leu Arg Ile Gln Asp
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120

aagggtttct tcaggagaac agtcagcaaa agcattggtc ccacctgccc ctttgctgga
180

agctgtgaag tcagcaagat tcagaggcgc cactgcccag cctgcaggtt gcagaagtgc
240

ttagatgctg gcatgaggaa agacatgata ctgtcggcag aagccctggc attgcggcga
300

gcaaaggcagg cccagcggcg ggcacagcaa acacctatgc aactgagtaa tgagcaagaa
360

gagttgatcc agacactcct gggggccac acccgccaca tgggcaccat gtttgaacag
420

tttgtgcagt ttaggcctcc agctcatctg ttcatccatc accagccctt gcccaccctg
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Ser Lys Ser Ile Gly Pro Thr Cys Pro Phe Ala Gly Ser Cys Glu Val
50 55 60

Ser Lys Ile Gln Arg Arg His Cys Pro Ala Cys Arg Leu Gln Lys Cys
65 70 75 80

Leu Asp Ala Gly Met Arg Lys Asp Met Ile Leu Ser Ala Glu Ala Leu
85 90 95

Ala Leu Arg Arg Ala Lys Gln Ala Gln Arg Arg Ala Gln Gln Thr Pro
100 105 110

Met Gln Leu Ser Asn Glu Gln Glu Glu Leu Ile Gln Thr Leu Leu Gly
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Ala His Thr Arg His Met Gly Thr Met Phe Glu Gln Phe Val Gln Phe
130 135 140

Arg Pro Pro Ala His Leu Phe Ile His His Gln Pro Leu Pro Thr Leu
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Ala Pro Val Leu Pro Leu Val Thr His Phe Ala Asp Val Asn Thr Phe
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Met Val Gln Gln Val Ile Lys Phe Thr Lys Asp Leu Pro Val Phe Arg
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Ser Leu Pro Ile Glu Asp Gln Ile Ser Leu Leu Lys Gly Ala Ala Val
195 200 205

Glu Ile Cys His Ile Val Leu Asn Thr Thr Phe Cys Leu Gln Thr Gln
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Asn Phe Leu Cys Gly Pro Leu Arg Tyr Thr Ile Glu Asp Ala Ala Arg
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Val Ser Pro Ala Val Gly Phe Gln Val Glu Phe Leu Glu Leu Leu Phe
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His Phe His Gly Thr Leu Arg Lys Leu Gln Leu Gln Glu Pro Glu Tyr
260 265 270

Val Leu Leu Ala Ala Met Ala Leu Phe Ser Pro Asp Arg Pro Gly Val
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Thr Gln Arg His Glu Ile Asp Gln Leu Gln Glu Glu Met Ala Leu Thr
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Leu Gln Ser Tyr Ile Lys Gly Gln Gln Arg Pro Arg Asp Arg Phe
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Leu Tyr Ala Lys Leu Leu Gly Leu Leu Ala Glu Leu Arg Ser Ile Asn
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